

Work Order ID 107782

107782

Page 1

@October-02-13 7:25:39 AM

Item ID: D412-742-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 10/02/13 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D412-742	E

100	DOCUMENT CONTROL	0.00							
100									
DC	Memo <u>M.L.</u>	0.00							
Document Control	Photocopy bluefile and create labels per PPP D412-742-011								

SWP
121120

for ML 13-10-23

110	Pick Kit	0.00							
-----	----------	------	--	--	--	--	--	--	--

110									
Packaging	Memo	0.00							
Packaging									

1x (DAS 28) 13-10-2

120	QC4- 100% Inspect kits for completeness	0.00							
-----	---	------	--	--	--	--	--	--	--

120									
QC	Memo	0.00							
Quality Control									

SWP
131120

DAS
31
9-89

B106097

Work Order ID 107782

October-02-13 7:25:39 AM

107782

Page 2

Item ID: D412-742-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 10/02/13 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging				DAS 6 9-59		SL	13/11/20	
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-742-011 Location: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

13/11/21

ME
13-11-21

Picklist Print

October-02-13 7:25:35 AM

Page 1

Work Order ID: 107782
 Parent Item: D412-742-011
 Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13
 Start Qty: 1.00

Required Date: 10/02/13
 Required Qty: 1.00

Comments: IPP Rev: A05.10.13New IssueKJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM
 IPP Rev:C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC
 IPP rev E 07.11.27 ecn 1072 EC verified by:DD
 IPP Rev:F 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:G 09-01-23 as per DSI9441 DD verified by:EC IPP Rev:H 11.11.01 as per
 DSI9517 REV.B DD verified by:EC IPP rev:I 12.01.12 PER IIN REV.E DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3407-041 Tow Ring		Manufactured	No			110	Each	25.0000	1	1		28 13-10-2	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				ST463		13							
				101511		2							
				104489		2							
				106005		6			1x				
				88213		3							
				ST464		1							
				89105		1							
				ST465		11							
				102347		11							
D3417-3 Washer		Manufactured	No			110	Each	45.0000	2	2		28 31 9-89	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				FG		7							
				33519		7							
				ST042		24							
				106077		24							
				ST044		14							
				80225		2							
				93758		12			2x				
D412-742-041 Replacement Skidtube (Fits LH or RH) High Gear Apical & Oem Cylindrical Float Compatible		Manufactured	No			110	Each	0.0000	1	1		28 31 9-89	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				106092		1							

0-8
SI
me

0-8
SI
me

0-8
SI
me

Picklist Print

October-02-13 7:25:35 AM

Page 2

Work Order ID: 107782

Parent Item: D412-742-011

Start Date: 10/02/13

Required Date: 10/02/13

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Qty: 1.00

Required Qty: 1.00

D412-742-015

DAS

Manufactured No

110 Each 0.0000

1

1

Electric Step

6

D2571

9-89

Manufactured No

110 Each 30.0000

1

1

Saddle, Fwd, Out

Location

Loc Qty

Loc Code

ST441

30

103422

2

104701

16

105995

4

11644

1

84982

1

88194

2

89090

4

DA

27

9-89

D2572

Saddle, Fwd, In

Manufactured No

110 Each 18.0000

1

1

Location

Loc Qty

Loc Code

ST441

18

104346

4

105572

8

105733

1

71107

2

86889

2

89011

1

D2573

Saddle, Aft, Out

Manufactured No

110 Each 15.0000

1

1

Location

Loc Qty

Loc Code

ST429

3

88809

2

88963

1

ST442

12

101819

1

105413

11

DAS

27

9-89

95162

DAS 31 9-89

13-10-2

IX

DAS 31 9-89

IX

DAS 31 9-89

IX

DAS 31 9-89

October-02-13 7:25:36 AM

Shop Packet Print

Page 2

Picklist Print

October-02-13 7:25:36 AM

Page 3

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

D2574

Saddle, Aft, In

Manufactured No

110 Each 10.0000

1

1

DAS 28 31 9-89

13-10-2

Location

Loc Qty

Loc Code

ST429

3

86958

2

89393

1

ST442

7

103148

6

106297

1

1X

DAS 27 9-89

D2876

Saddle Spacer

Manufactured No

110 Each 23.0000

2

2

DAS 28 31 9-89

DAS 31 9-89

Location

Loc Qty

Loc Code

ST020

23

100354

6

102422

13

87229

2

89181

1

92502

1

2X

DAS 27 9-89

D2877

Saddle Spacer

Manufactured No

110 Each 33.0000

2

2

DAS 28 31 9-89

DAS 31 9-89

Location

Loc Qty

Loc Code

ST020

33

100477

6

103013

25

86442

2

2X

DAS 27 9-89

D3403-1

Bushing

Manufactured No

110 Each 229.0000

8

8

DAS 28 31 9-89

DAS 31 9-89

Location

Loc Qty

Loc Code

ST044

229

88782

229

8X

DAS 27 9-89

October-02-13 7:25:36 AM

Shop Packet Print

Page 3

Picklist Print

October-02-13 7:25:36 AM

Page 4

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

D3403-5
Bushing

Manufactured No

110 Each 247.0000

8 8

13-10-2
DAS
31
9-89

Location

Loc Qty

Loc Code

ST043

247

88784

247

8 X
4

Manufactured No

110 Each 214.0000

4

DAS
31
9-89

Location

Loc Qty

Loc Code

ST016

110

106173

82

99355

28

ST017

104

100949

3

79520

5

86827

90

99355

6

4 X
2

Manufactured No

110 Each 146.0000

2

DAS
31
9-89

Location

Loc Qty

Loc Code

ST055

146

102438

144

87348

2

2 X

DAS
31
9-89

DAS
27
9-89

D2747
Set Screw

DAS
27
9-89

D3533-1
Set Screw

DAS
27
9-89

October-02-13 7:25:36 AM

Shop Packet Print

Page 4

186

187

188

Picklist Print

October-02-13 7:25:36 AM

Page 5

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

AN4C6A
Bolt Purchased No

110 Each 882.0000

16 16

13-10-2

Location Loc Qty Loc Code

FG 14

103344 4

121657 10

ST337A 849

m125709 849

ST355 18

122800 12

123900 6

ST513 1

125388 1

DAS
27
9-89

DAS
31
9-89

AN4G52A
Bolt Purchased No

110 Each 143.0000

4 4

Location Loc Qty Loc Code

FG 5

122518 5

ST360 138

117688 34

122518 4

M126007 50

M126293 50

DAS
27
9-89

DAS
31
9-89

AN4G53A
BOLT Purchased No

110 Each 74.0000

4 4

Location Loc Qty Loc Code

ST360 74

122193 4

M125730 45

M126293 25

DAS
27
9-89

DAS
31
9-89

October-02-13 7:25:37 AM

Shop Packet Print

Page 5

Picklist Print

October-02-13 7:25:37 AM

Page 6

Work Order ID: 107782

Parent Item: D412-742-011

Start Date: 10/02/13

Required Date: 10/02/13

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Qty: 1.00

Required Qty: 1.00

AN6G12A Bolt Purchased No 110 Each 119.0000 8 8 DAS 28 9-89 13-10-2

Location Loc Qty Loc Code

ST339 69
122204 10
124561 19
M126105 40
ST505 50
M126180 50

8X

DAS 31 9-89

D3672-3 Phenolic Washer

Manufactured No 110 Each 1,487.0000 32 32

Location Loc Qty Loc Code

FG 111
84432 11
89273 100
FP-001 67
91915 67
ST061 1180
107316 500
84432 1
86517 5
88441 25
91915 140
93925 509
ST062 129
102961 129

DAS 31 9-89

DAS 27 9-89

AN960C416L Washer DAS 27 9-89

NAS1149C0432R Purchased No

110 Each 0.0000

D3672-9 Washer

Manufactured No

110 Each 434.0000

32X 32 126221 32

DAS 28 9-89

DAS 31 9-89

DAS 27 9-89

Location Loc Qty Loc Code

ST062 434
81763 11
94989 423

8X

DAS 31 9-89

October-02-13 7:25:37 AM

Shop Packet Print

Page 6

Picklist Print

October-02-13 7:25:37 AM

Page 7

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0632R
WASHER

Purchased No

110 Each 180.0000

Location

Loc Qty

Loc Code

ST292

180

125654

172

Manufactured No

110 Each 304.0000

Location

Loc Qty

Loc Code

FG

10

77483

10

ST062

294

77483

8

91746

286

Purchased No

110 Each 780.0000

Location

Loc Qty

Loc Code

FG

36

104603

36

GA

2

121652

2

ST315

742

121162

25

122452

16

123021

3

123525

29

123900

2

125654

27

m125807

640

D3672-11
Washer

Manufactured No

110 Each 304.0000

Location

Loc Qty

Loc Code

FG

10

77483

10

ST062

294

77483

8

91746

286

Purchased No

110 Each 780.0000

Location

Loc Qty

Loc Code

FG

36

104603

36

GA

2

121652

2

ST315

742

121162

25

122452

16

123021

3

123525

29

123900

2

125654

27

m125807

640

MS21043-4
Nut

Purchased No

110 Each 780.0000

Location

Loc Qty

Loc Code

FG

36

104603

36

GA

2

121652

2

ST315

742

121162

25

122452

16

123021

3

123525

29

123900

2

125654

27

m125807

640

DAS
27
9-89

DAS
28
9-89

DAS
31
9-89

DAS
28
9-89

DAS
31
9-89

DAS
28
9-89

DAS
31
9-89

29X

October-02-13 7:25:37 AM

Shop Packet Print

Page 7

Picklist Print

October-02-13 7:25:37 AM

Page 8

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

AN4C7A Purchased No

110 Each 116.0000

4

4

DAS 28 9-89

13-10-2

Location

Loc Qty

Loc Code

ST355

16

109147

6

123900

10

ST513

100

125388

100

Manufactured No

110 Each 68.0000

2

2

DAS 28 9-89

Location

Loc Qty

Loc Code

FG

10

92873

10

FP001

58

100699

58

Manufactured No

110 Each 281.0000

8

8

DAS 28 9-89

Location

Loc Qty

Loc Code

ST043

281

85662

8

88783

273

Manufactured No

110 Each 23.0000

1

1

DAS 28 9-89

Location

Loc Qty

Loc Code

ST423

6

62227

2

77000

2

86762

1

89218

1

ST468

17

100378

12

100886

5

8X

1

DAS 31 9-89

1X

DAS 27 9-89

D3591-1 Bushing DAS 27 9-89

D3403-3 Bushing

DAS 7 9-89

D3405-041 Gh Lug

DAS 27 9-89

October-02-13 7:25:38 AM

Shop Packet Print

Page 8

Picklist Print

October-02-13 7:25:38 AM

Page 9

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

D3405-043

Gh0

Manufactured No

110 Each 8.0000

1

DAS 28 13-10-2

Location

Loc Qty

Loc Code

ST468

6

100877

6

IX

ST478

2

82038

1

86757

1

DAS
27
9-89

DAS
31
9-89

AN4C47A

Bolt

Purchased No

110 Each 139.0000

4

DAS 28

Location

Loc Qty

Loc Code

FG

10

122491

10

124561

ST359

129

112491

4

M126007

50

M126293

75

DAS
27
9-89

DAS
31
9-89

4X

D3456-1

Washer

Manufactured No

110 Each 125.0000

1

DAS 28

Location

Loc Qty

Loc Code

FG

7

25701

7

ST047

118

103539

50

103787

25

106784

41

89237

2

DAS
27
9-89

DAS
31
9-89

IX

October-02-13 7:25:38 AM

Shop Packet Print

Page 9

Picklist Print

October-02-13 7:25:38 AM

Page 10

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

AN3C37A
BOLT

Purchased No

110 Each 224.0000

3 3 DAS 28 13-10-2

Location Loc Qty Loc Code

ST353 150

122491 1

M126176 4

M126330 45

M126345 100

ST513 74

M125730 74

Purchased No

110 Each 44.0000

3x 2 DAS 28

Location Loc Qty Loc Code

FG 5

11442 5

ST353 39

114442 1

123930 3

M125958 10

M126176 25

2x DAS 31 9-89

AN3C40A
Bolt

Purchased No

110 Each 44.0000

3x 2 DAS 28

Location Loc Qty Loc Code

FG 5

11442 5

ST353 39

114442 1

123930 3

M125958 10

M126176 25

2x DAS 31 9-89

AN3C41A
Bolt

Purchased No

110 Each 103.0000

3 3 DAS 28

Location Loc Qty Loc Code

FG 10

103324 4

122843 5

124975 1

ST513 93

123930 24

124975 69

3 3 DAS 28

3x DAS 31 9-89

DAS 27 9-89

October-02-13 7:25:38 AM

Shop Packet Print

Page 10

Picklist Print

October-02-13 7:25:38 AM

Page 11

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

AN3G42A Purchased No 110 Each 44.0000 3 3 DAS 28 13-10-2

Bolt

Location	Loc Qty	Loc Code
FG	5	
121103	5	
ST353	25	
m126293	25	
ST354	14	
121103	1	
121109	1	
122843	1	
124884	11	

DAS
27
9-89

AN3G43A
Bolt

Purchased No

110 Each 90.0000 3 3

Location	Loc Qty	Loc Code
FG	10	
120465	10	
ST354	80	
120465	4	
124827	3	
M126007	23	
M126621	50	

DAS
27
9-89

AN3G44A
Bolt

Purchased No

110 Each 19.0000 9 9

Location	Loc Qty	Loc Code
FG	10	
110848	10	
ST354	9	
124263	9	

DAS
27
9-89

October-02-13 7:25:38 AM

Shop Packet Print

Page 11

Picklist Print

October-02-13 7:25:38 AM

Page 12

Work Order ID: 107782

Parent Item: D412-742-011

Parent Item Name: Skidtube (LH or RH)High Gear Apical & Oem Cylindri

Start Date: 10/02/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

AN3C47A
Bolt Purchased No

110 Each 9.0000

10 10 (3x) 127203 DAS 31 9-89

Location

Loc Qty

Loc Code

FG
116874
ST354
125389

2
2
7
7

110 Each 0.0000

125389 (7x)

AN960C10L
Washer NAS1149C0332R Purchased No

100 Each 2,130.0000

66 66 125654 DAS 28 9-89 DAS 31 9-89

MS21043-3
Nut Purchased No

Location

Loc Qty

Loc Code

FG
103691
ST315
124555
m126741

80
80
2050
281
1769

33 33 33X DAS 28 9-89 DAS 31 9-89

DAS 27 9-89

DAS 27 9-89

DAS 31 9-89

October-02-13 7:25:39 AM

Shop Packet Print

Page 12

Ref only

5.0 PARTS LIST

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	(1)	X		D412-742-041	FLOAT SKIDTUBE
	(1)		X	D412-742-015	ELECTRIC STEP KIT
		1		D3391-041	412 FLOAT SKIDTUBE
1		*24		*AN3C4A	*BOLT
3		*10		*AN3C6A	*BOLT
4		*4		*AN3C7A	*BOLT
5		*38		*AN960C10L	*WASHER
6		*4		*MS27039C4-12	*SCREW
7A		*4		*D3672-3	*WASHER (REPLACES NAS1515H4L)
7B		*4		*AN960C416L	*WASHER
21		*1		*D4095-041	*WEARSHOE (REPLACES D3564-1)
22		*1		*D4095-043	*WEARSHOE (REPLACES D3564-3)
23		*1		*D4095-045	*WEARSHOE (REPLACES D3564-5)
10		*1		*D3391-011	*412 FORWARD TUBE
11		**1		**D3401-041	**TOW CAP
12A		**10		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
13		**10		**AN3C4A	**BOLT
14A		**4		**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10		**AN960C10L	**WASHER
24		**1		**D4095-051	**WEARSHOE (REPLACES D3564-13)
20		*1		*D3391-013	*412 MID TUBE
28		**24		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1		*D3391-015	*412 AFT TUBE
25		**1		**D4095-049	**WEARPAD (REPLACES D3537-1)
26		**1		**D4095-047	**WEARPAD (REPLACES D3537-7)
31		**1		**D2646	**AFT CAP
32		**14		**AELS-1032-130	**INSERT
36		**8		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6		**AN3C4A	**BOLT
37B		**4		**AN3C5A	**BOLT
38A		**2		**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10		**AN960C10L	**WASHER
39		**4		**ALS4-428-165	**INSERT (REPLACES NAS1330S4KB151)
40	(1)			D2571	SADDLE, FWD OUTSIDE
41	(1)			D2572	SADDLE, FWD INSIDE
42	(1)			D2573	SADDLE, AFT OUTSIDE
43	(1)			D2574	SADDLE, AFT INSIDE
44	(2)			D2876	SADDLE SPACER
45	(2)			D2877	SADDLE SPACER

(CONTINUED ON PAGE 18)

Ref only

DART AEROSPACE USA, INC.

IIN-D412-742
Page 18 of 21

(CONTINUED FROM PAGE 17)

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
46A	8			D3403-1	BUSHING
46B	8			D3403-5	BUSHING
47A	4			D2747	SET SCREW
47B	2			D3533-1	SET SCREW
48	16			AN4C6A	BOLT
49A	4			AN4C52A	BOLT
49B	4			AN4C53A	BOLT
50	8			AN6C12A	BOLT
51A	32			D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32			AN960C416L	WASHER
52A	8			D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8			AN960C616L	WASHER
53	8			D3672-11	WASHER (REPLACES NAS1515H7L)
54	24			MS21043-4	NUT
55	4			AN4C7A	BOLT
56	2			D3591-1	BUSHING
60	8			D3403-3	BUSHING
61	1			D3405-041	GHW LUG
62	1			D3405-043	GHW LUG
63	4			AN4C47A	BOLT
64	4			MS21043-4	NUT
70	1			D3407-041	TOW RING
71	2			D3417-3	WASHER
72	1			MS21043-4	NUT
73	1			D3456-1	WASHER
80			1	D2913	DOUBLER
81		***4		***ALS4-428-165	***INSERT (REPLACES NAS1329S4KB140)
82		***4		***AELS-1032-130	***INSERT (REPLACES NAS1330S3KB116)
83			2	MS21043-4	NUT
84			2	MS24693-C272	SCREW
85			1	MS35489-35	GROMMET
86			1	MS35489-93	GROMMET
87		***4		***MS27039C1-09	***SCREW
88		***4		***MS27039C4-08	***SCREW
89A		***4	2	***D3672-1	***WASHER (REPLACES NAS1515H3L)
89B		***4	2	***AN960C10L	***WASHER
90A		***4		***D3672-3	***WASHER (REPLACES NAS1515H4L)
90B		***4		***AN960C416L	***WASHER
91	3			AN3C37A	BOLT
92	2			AN3C40A	BOLT
93	3			AN3C41A	BOLT
94	3			AN3C42A	BOLT
95	3			AN3C43A	BOLT
96	9			AN3C44A	BOLT
98	10			AN3C47A	BOLT
99	66			AN960C10L	WASHER
100	33			MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-041 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED ABOVE ASSEMBLY

***DENOTES THAT PART IS INCLUDED WITH D3391-013

• COPYRIGHT © 2005 BY DART AEROSPACE USA, INC. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: E
Date: 11.10.19

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. E
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 4

DAS
27
9-89

Blah

REF. FAA STC: SR01583SE
REF. CANADIAN STC: SH05-37
REF. EASA STC: EASA.IM.R.S.01126

PURPOSE

For D412-742-011/-013 Float Skidtube Installations, qty(4) AN4C53A bolts may be replaced with qty(4) AN4C52A bolts. Kits may be supplied from Dart with either AN4C52A or AN4C53A bolts.

Note that it is acceptable to use longer or shorter AN4C bolts than those specified, as long as there is a minimum of 1.5 threads in safety.

CHANGE

The parts lists of Installation Instructions IIN-D412-742 Rev. E and Instructions for Continued Airworthiness ICA-D412-742 Rev. 4 is amended as follows:

- 5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List (IIN-D412-742)
32.18 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List (ICA-D412-742)

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION

IS:

49B	4			AN4C53A OR AN4C52A	BOLT
-----	---	--	--	-----------------------	------

WAS:

49B	4			AN4C53A	BOLT
-----	---	--	--	---------	------

- 5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List (IIN-D412-742)
32.19 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List (ICA-D412-742)

Item	Qty -013	Qty -043	Part Number	Description
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION

IS:

49B	4			AN4C53A OR AN4C52A	BOLT
-----	---	--	--	-----------------------	------

WAS:

49B	4			AN4C53A	BOLT
-----	---	--	--	---------	------

A	NEW ISSUE	CP	12.02.28
REV.	DESCRIPTION	BY	DATE
DESIGN	92	DART AEROSPACE USA, INC	
DRAWN	92	KENT, WA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9600	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		BOLT SUBSTITUTION	NTS
DATE	12.02.28	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

DAS
27
9-89

21 only

DAS
6
9-89

THE PARTS LISTS IN SECTION 32.15 OF ICA-D412-742 (PAGES 53 AND 55) AND SECTION 5.1 OF IIN-D412-742 (PAGES 16 AND 17) ARE AMENDED AS FOLLOWS WHEN OPTIONAL DSI-9517-011 KIT IS INSTALLED:

32.15 D412-742-011 (PMA/OEM) FLOAT SKIDTUBE INSTALLATION PARTS LIST (ICA-D412-742)
5.1 D412-742-011 (PMA/OEM) FLOAT SKIDTUBE INSTALLATION PARTS LIST (IIN-D412-742)

Item	QTY -011	QTY -041	QTY -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT

IS:

3		10		AN3C6A	BOLT (REMOVED QTY.2)
4		4		AN3C7A	BOLT (REMOVED QTY.4)
5		38		AN960C10L	WASHER (REMOVED QTY.6)
21A		1		D4095-041	WEARPLATE ASSEMBLY
22A		1		D4095-043	WEARPLATE ASSEMBLY
46	8			D3403-1	BUSHING (REPLACED QTY.4 WITH D3403-5)
46A	8			D3403-5	BUSHING (REPLACES QTY.4 D3403-1)
49	4			AN4C52A	BOLT (REPLACED QTY.4 WITH AN4C53A)
49A	4			AN4C53A	BOLT (REPLACES QTY.4 AN4C52A)
53	8			D3672-11	WASHER (REMOVED QTY.8)

WAS:

3		12		AN3C6A	BOLT
4		8		AN3C7A	BOLT
5		44		AN960C10L	WASHER
21A		1		D3564-1	WEARPLATE
21B		1		D3564-3	WEARPLATE
22A		1		D3566-1	GASKET
22B		1		D3566-3	GASKET
46	16			D3403-1	BUSHING
49	8			AN4C52A	BOLT
53	16			D3672-11	WASHER

DESIGN		DART AEROSPACE USA, INC	
DRAWN	XDF	KENT, WA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9517	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE WEARPLATE KIT	NTS
DATE	11.10.11	<small>COPYRIGHT © 2010 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	